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EFS ID: 12655
Application ID: 09682782
Title of Invention: FILAMENT CIRCUIT RESISTANCE
ADJUSTING APPARATUS
TECHNICAL FIELD
First Named Inventor: Thomas Schaefer
Domestic/Foreign Application: Domestic Application
Filing Date: null
Effective Receipt Date: 2001-10-18 
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Filing Type: new-utility
Confirmation Number: 0
Attorney Docket Number: GEMS0123PUS
Digital Certificate Holder: cn=John A. Artz, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US
Certificate Message Digest: J4wcS7bT2ipjeCmBg5d1tw==
Total Fees Authorized: \$864.0

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Deposit Account Number: 500476
Deposit Account Name: John A. Artz

JC474 U.S. PTO
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10/18/01



TRANSMITTAL FORM

Electronic Version 1.0.2

Stylesheet Version: 1.0

Attorney Docket Number: GEMS0123PUS

FILAMENT CIRCUIT RESISTANCE ADJUSTING APPARATUS TECHNICAL FIELD

First Named Inventor: Mr. Thomas D. Schaefer

SUBMITTED BY

Name: Mr. John A Artz

Registration Number: 25,824

Electronic Signature Mark: John A.
Artz Date Signed: 20011018

I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.

I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.

Attached Files:

| | |
|-------------------|---------------------|
| specification | Specification.xml |
| declaration | Declaration1.tif |
| declaration | Declaration2.tif |
| fee-transmittal | GEMS0123PUSfee.xml |
| patent-assignment | GEMS0123PUSasgn.xml |
| bibd-transmittal | GEMS0123PUSapds.xml |

Attached Image File(s):

Declaration1.tif

Declaration2.tif

Comments:

00000000000000000000000000000000

**DECLARATION FOR UTILITY OR DESIGN
PATENT APPLICATION
(37 CFR 1.63)**

Attorney Docket No.: 15-XT-6093 (GEMS 0123 PUS)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

EILAMENT CIRCUIT RESISTANCE ADJUSTING APPARATUS TECHNICAL FIELD

the specification of which:

(check one) is attached hereto
 was filed on _____; as U.S. Application Serial No. _____; and was amended on _____

(if applicable)
OR PCT International Application Number _____

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 USC '119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT International Application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International Application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):

Certified
Copy Attached

I hereby claim the benefit under 35 USC '120 of any United States application(s), or 365(c) of any PCT International Application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International Application in the manner provided by the first paragraph of 35 USC '111, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR '1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s) OR
PCT Parent Number:

(Serial Number) (Day/Month/Year Filed) (Patented, pending, abandoned)

I hereby claim the benefit under 35 USC 119(e) of any United States provisional application listed below:

(Application Number) _____ (Day/Month/Year Filed) _____

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like are made are punishable by fine or imprisonment, or both, under 18 USC 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor: Thomas D. Schaefer

Inventor's signature  Date 5 Oct ; 01

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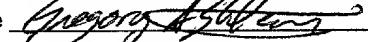
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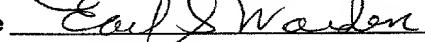
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Full name of sole or first inventor: Earl Warden

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FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

Patent fees are subject to annual revisions on or about October 1st of each year.

Large Entity

TOTAL FEES AUTHORIZED: \$ 864

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 50-0476



Deposit Account Name: John A. Artz, P.C.

Charge Any Additional Fee Required Under 37 C.F.R. Sections 1.16 and 1.17.

SUBMITTED BY

Authorized Name: John A. Artz

Electronic Signature Mark: John A. Artz

Date Signed: 20011018

BASIC FILING FEE

| Fee Description | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 101 | \$ 740 |

Subtotal For Basic Filing Fee: \$ 740

EXTRA CLAIM FEES

| | Fee Code | Fee | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 17 | 103 | \$ 18 | 0 | \$ 0 |
| Independent Claims: 4 | 102 | \$ 84 | 1 | \$ 84 |

Subtotal For Extra Claims Fees: \$ 84

ADDITIONAL FEES

| Fee Description | Fee Code | Fee Paid |
|---|----------|----------|
| Recording Each Patent Assignment Per Property Fee | 581 | \$ 40 |

Subtotal For Additional Fees: \$ 40